

FIG. 1a

ROTOR ROTATIONAL DIRECTION

NOMAL PLANE

intake port ribs

exhaust port ribs

$l_1$ ,  $l_2$ ,  $d_1$ ,  $d_2$ ,  $r_B$ ,  $a=40^\circ$ ,  $\theta=30^\circ$

(AA)

FIG. 1b

$\beta=15^\circ$